

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L34	3	MSE and DSL and hlog and psd and snr	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/29 21:44
L35	3	((run with time with noise) or (MSE)) and DSL and (((geometric\$5 with averag\$5) same (frequenc\$5 with response)) or (hlog)) and ((power with spectral with density) or psd) and ((signal with noise with ratio) or snr)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/29 22:02

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	(channel adj average adj attenuation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:37
S2	3	(channel adj bit adj distribution)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:37
S3	76	(channel adj transmit adj power adj level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:37
S4	421	(current adj data adj rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:37
S5	3760	(maximum adj data adj rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:38
S6	488	(error adj correction adj parity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:38
S7	1788	(trellis adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:38
S8	102	(channel adj insertion adj loss)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:38
S9	3937	(channel adj gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:39

## EAST Search History

S10	3750	(channel adj phase)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:39
S11	115	(user adj power adj level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:39
S12	1	(user adj PSD adj level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:40
S13	13	(user adj code adj setting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:40
S14	19	(noise adj power adj variation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:40
S15	1	(channel adj logarithmic adj magnitude)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:40
S16	1	(quiet adj line adj noise adj levels)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:40
S17	2	(active adj line adj noise adj levels)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:41
S18	2	(higher adj level adj protocol adj throughput)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:41
S19	271	(carrier adj mask)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:41

## EAST Search History

S20	1	(tone adj shaping adj parameters)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:41
S21	2	((frequency or tone) with index with (highest with noise with change) with (time adj interval))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:43
S22	2	((bit adj swap) with (time with interval))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:44
S23	2	((parameter\$4 with PSD) with (potential with noise))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:45
S24	1555	((vected or matrix) with channel with character\$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:45
S25	51	(distribut\$4 with ((FEC adj error) or (code adj violation) or (error\$3 adj second)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:46
S26	2	(violation with (successive adj sub adj intervals))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:47
S27	443	(count with ((ATM adj cells) or (protocol adj cells)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:47
S28	23	(count with retraining)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:47
S29	1	(count with (failed adj synchronization adj attempts))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:47

## EAST Search History

S30	2329820	(peak near\$2 (average adj power adj ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:49
S31	17	S1 S2 S12 S13 S15 S16 S17 S18 S20 S21 S22 S23 S26 S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:49
S32	5	S1 S2 S12 S15 S16 S17 S18 S20 S21 S22 S23 S26 S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:52
S33	2	S32 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:52
S34	361	DSL with network with manag\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:38
S35	195	S34 and (simulat\$5 or emulat\$5 or model\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:39
S36	194	S35 and data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:40
S37	82	S36 and (network adj manag\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:41
S38	69	S34 and (estimat\$5 or predict\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:37
S39	55	S35 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:37

## EAST Search History

S40	27	S39 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:38
S41	15	S40 and (control with signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:41
S42	426	(DSL or xDSL) with network with manag\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:38
S43	66	S42 and (simulat\$5 or emulat\$5 or model\$5) and (estimat\$5 or predict\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:39
S44	66	S43 and data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:40
S45	38	S44 and (network adj manag\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:41
S46	15	S45 and (control with signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:41
S47	10	S46 and (operat\$4 with mode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:42
S48	4	(channel adj average adj attenuation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S49	3	(channel adj bit adj distribution)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44

## EAST Search History

S50	76	(channel adj transmit adj power adj level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S51	421	(current adj data adj rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S52	3760	(maximum adj data adj rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S53	488	(error adj correction adj parity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S54	1788	(trellis adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S55	102	(channel adj insertion adj loss)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S56	3937	(channel adj gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S57	3750	(channel adj phase)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S58	115	(user adj power adj level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S59	1	(user adj PSD adj level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44

## EAST Search History

S60	13	(user adj code adj setting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S61	19	(noise adj power adj variation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S62	1	(channel adj logarithmic adj magnitude)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S63	1	(quiet adj line adj noise adj levels)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S64	2	(active adj line adj noise adj levels)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S65	2	(higher adj level adj protocol adj throughput)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S66	271	(carrier adj mask)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S67	1	(tone adj shaping adj parameters)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S68	2	((frequency or tone) with index with (highest with noise with change) with (time adj interval))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S69	2	((bit adj swap) with (time with interval))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44



## EAST Search History

S70	2	((parameter\$4 with PSD) with (potential with noise))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S71	1555	((vected or matrix) with channel with character\$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S72	51	(distribut\$4 with ((FEC adj error) or (code adj violation) or (error\$3 adj second)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S73	2	(violation with (successive adj sub adj intervals))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S74	443	(count with ((ATM adj cells) or (protocol adj cells)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S75	23	(count with retraining)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S76	1	(count with (failed adj synchronization adj attempts))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:44
S77	5	S47 and (S48 S49 S50 S51 S52 S53 S54 S55 S56 S57 S58 S59 S60 S61 S62 S63 S64 S65 S66 S67 S68 S69 S70 S71 S72 S73 S74 S75 S76)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:53
S78	71	CIOFFI-J CIOFFI-JOHN CIOFFI-JOHN-M	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:50
S79	36	RHEE-W RHEE-WONJONG	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:51

## EAST Search History

S81	30	(S78 or S79) and (DSL or xDSL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:51
S82	2	S81 and model.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:52
S83	17	S81 and (S48 S49 S50 S51 S52 S53 S54 S55 S56 S57 S58 S59 S60 S61 S62 S63 S64 S65 S66 S67 S68 S69 S70 S71 S72 S73 S74 S75 S76)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:56